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## JOHN M. OMEARA

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W.M. Keck Observatory  
65-1120 Mamalahoa Hwy  
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### Profile

Experienced observational research astrophysicist using ground and space-based facilities in the UVOIR. Strong interest in and experience with federal science policy and strategic planning. Member of multiple large national and international research teams, and multiple science definition teams for future telescope facilities.

### Employment

#### Chief Scientist, W.M. Keck Observatory — 2018-Present

- Leads the scientific mission of the observatory, fosters strategic scientific use of telescope and instruments; monitors observatory scientific productivity and impact

#### Professor, Saint Michael's College; Colchester, VT — 2008-2018

- Chair, Department of Physics 2015-2018

#### Assistant Professor, Penn State University; Scranton, PA — 2006-2008

#### Postdoctoral Researcher, MIT; Cambridge, MA — 2004-2006

### Education

University of California, San Diego — Ph.D., 2004

University of California, San Diego — M.S., 2000

University of Washington — B.S., 1997

### Relevant Professional Experience

- Cosmic Origins science team lead for the LUVOIR mission concept
  - Chair, Astronomy and Astrophysics Advisory Committee
  - Previous Vice-Chair, NASA COPAG Executive Committee
  - Member, Committee on Astronomy and Public Policy, AAS
  - Member, Thirty Meter Telescope ISDT
  - Member, MAST users group
  - Panelist/Chair, Extragalactic Astronomy, NASA Keck TAC
  - Frequent panel member & panel chair for NASA, NSF, STScI proposal reviews
  - Member, Science team, NASA Explorer-class mission proposal (2011, 2016)
  - Member, Science team, NASA Cubesat mission proposal (2018)
  - 80+ refereed publications and multiple large funded grants as principal investigator
  - 20+ years of ground and space-based observing experience
  - Elected member of the Vermont Academy of Science and Engineering
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